

Access DB# 67

## SEARCH REQUEST FORM

### Scientific and Technical Information Center

Requester's Full Name: FAVE FLEMING Examiner #: 75412 Date: 11/01/01  
 Art Unit: 308 Phone Number 305-0209 Serial Number: 09/768, 685 REISSUE  
 Mail Box and Bldg/Room Location: 5112 Results Format Preferred (circle): PAPER DISK E-MAIL  
08/911, 527 PATENT

If more than one search is submitted, please prioritize searches in order of need.

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 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL Formed by Casting  
DIVERENT PLASTIC MATERIALS

Inventors (please provide full names):  
FRED RHEINLANDER, RICHARD RHODES

Earliest Priority Filing Date: 01/24/01 REISSUE

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

5863064

#### STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>1</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog <u>1</u>
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr. Link _____
Date Completed: <u>11/01/01</u>	Litigation <u>✓</u>	Lexis/Nexis <u>✓</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: <u>16</u>	Patent Family _____	WWW/Internet _____
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ACCTG	8	CONSTR	8	ENERGY	9	HEALTH	11	LABOR	11	PUBHW	13	TORTS	14
ADMIN	8	CORP	9	ENVIRN	9	HR	10	LEXPAT	12	REALTY	13	TRADE	14
ADMRTY	8	COPYRT	8	ESTATE	9	IMMIG	11	M&A	12	STSEC	13	TRANS	14
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PTOMNI	1	FEDCTS, PTO, ITC, ALLREG			REEXAM & REISS
CASES	1	FEDCTS, PTO & ITC	ALLPAT	4	Comb. ALL & INTPAT
FEDCTS	2	Patent cases from Fed. Cts.	<-----U.S. PATENTS----->		
CCPA	2	Ct Customs & Patent Appeals	UTIL	4	Full Text Patents from 1971*
CAFC	2	Patent cases from Fed. Cir.	DESIGN	4	Full Text Patents from 1976
PTO	2	PATAPP & COMMR	PLANT	4	Full Text Patents from 1976
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PATNO=5863064  
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LEVEL 1 - 1 OF 1 PATENT

<5,863,064>

<=> GET 1st DRAWING SHEET OF 5

Jan. 26, 1999

Skin for automotive air bag cover panel formed by casting  
different plastic materials

REISSUE: Reissue Application filed Jan. 24, 2001 (O.G. Jul. 17, 2001) Ex. Gp.:  
3611; Re. S.N. 09/768,635

CORE TERMS: air bag, plastic, tear, panel, casting, main body, seam, shell,  
automotive, interior...  
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5863064 OR 5,863,064  
Your search request has found no ITEMS.

5863064 OR 5,863,064  
Your search request has found no CASES.

5863064 OR 5,863,064  
Your search request has found no STORIES.

File 345:Inpadoc/Fam.& Legal Stat 1968-2001/UD=200142  
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Set	Items	Description
S1	1	PN=US 5863064

1/39/1  
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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14932628  
Basic Patent (No,Kind,Date): US 5863064 A 19990126 <No. of Patents: 005>  
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AU 9881552	A1	19990308	AU 9881552	A	19980619
BR 9811175	A	20000725	BR 98U11175	A	19980619
EP 1001894	A1	20000524	EP 98931414	A	19980619
US 5863064	A	19990126	US 911527	A	19970814 (BASIC)
WO 9908904	A1	19990225	WO 98US12842	A	19980619

Priority Data (No,Kind,Date):  
US 911527 A 19970814  
WO 98US12842 W 19980619

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9881552 A1 19990308  
SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT  
PLASTIC MATERIALS (English)  
Patent Assignee: TEXTRON AUTOMOTIVE CO INC  
Author (Inventor): RHEINLANDER FRED; RHODES RICHARD D JR  
Priority (No,Kind,Date): US 911527 A 19970814; WO 98US12842 W  
19980619  
Applic (No,Kind,Date): AU 9881552 A 19980619  
IPC: \* B60R-021/20  
Derwent WPI Acc No: \* C 99-131058  
Language of Document: English

BRAZIL (BR)

Patent (No,Kind,Date): BR 9811175 A 20000725  
PELICULA PARA UM PAINEL INTERNO AUTOMOTIVO, E, PROCESSO PARA FORMAR A  
MESMA (Portugese)  
Patent Assignee: TEXTRON AUTOMOTIVE CO INC (US)  
Author (Inventor): RHEINLANDER FRED; RHODES RICHARD D JR  
Priority (No,Kind,Date): US 911527 A 19970814; WO 98US12842 W  
19980619  
Applic (No,Kind,Date): BR 98U11175 A 19980619  
Derwent WPI Acc No: \* C 99-131058  
Language of Document: Portugese

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):  
CA 2298671 P 20000131 CA REFW CORRESPONDS TO PCT  
APPLICATION (ENTSPRICHT PCT ANMELDUNG)  
WO 9908904 P

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 1001894 A1 20000524  
SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT

PLASTIC MATERIALS (English; French; German)  
Patent Assignee: TEXTRON AUTOMOTIVE CO INC (US)  
Author (Inventor): RHEINLANDER FRED (US); RHODES RICHARD D JR (US)  
Priority (No,Kind,Date): WO 98US12842 W 19980619; US 911527 A 19970814  
Applic (No,Kind,Date): EP 98931414 A 19980619  
Designated States: (National) DE; ES; FR; GB; IT; NL  
IPC: \* B60R-021/20  
Derwent WPI Acc No: \* C 99-131058  
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 1001894 P 19970814 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1001894 P 19980619 EP AA US 911527 A 19970814 PCT-APPLICATION (PCT-ANMELDUNG)

EP 1001894 P 19980619 EP AE WO 98US12842 W 19980619 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)

EP 1001894 P 20000524 EP AK EP 98931414 A 19980619 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

EP 1001894 P 20000524 EP A1 DE ES FR GB IT NL PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)

EP 1001894 P 20000524 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000308

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5863064 A 19990126

SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT PLASTIC MATERIALS (English)

Patent Assignee: TEXTRON AUTOMOTIVE COMPANY INC (US)

Author (Inventor): RHEINLANDER FRED (US); RHODES JR RICHARD D (US)

Priority (No,Kind,Date): US 911527 A 19970814

Applic (No,Kind,Date): US 911527 A 19970814

National Class: \* 280732000; 280728300

IPC: \* B60R-021/20

Derwent WPI Acc No: ; C 99-131058

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5863064 P 19970814 US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT))

US 5863064 P 19981106 US AS02 US 911527 A 19970814 ASSIGNMENT OF ASSIGNOR'S INTEREST MCCORD WINN TEXTRON INC. 645 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE 03103 ; RHEINLANDER, FRED : 19970718; RHODES, RICHARD D., JR. : 19970806

US 5863064 P 19990126 US A PATENT

US 5863064 P 20010717 US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20010124

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9908904 A1 19990225

SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT PLASTIC MATERIALS (English)

Patent Assignee: TEXTRON AUTOMOTIVE CO INC (US)

Author (Inventor): RHEINLANDER FRED; RHODES RICHARD D JR

Priority (No,Kind,Date): US 911527 A 19970814

Applic (No,Kind,Date): WO 98US12842 A 19980619

Designated States: (National) AL; AU; BA; BB; BG; BR; CA; CN; CU; CZ; EE; GE; GH; GM; GW; HU; ID; IL; IS; JP; KE; KP; KR; LC; LK; LR; LS; LT; LV; MG; MK; MN; MX; NO; NZ; PL; RO; SD; SG; SI; SK; SL; TR; TT; UA; UG; UZ; VN; YU; ZW (Regional) GH; GM; KE; LS; MW; SD; SZ; UG; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; CH; CY; DE; DK; ES;

FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM;  
GA; GN; ML; MR; NE; SN; TH; TG  
Filing Details: WO 130000 With international search report, Before  
expiration of time limit for amending the claims and to be  
republished in the event of the receipt of the amendments  
IPC: \* B60R-021/20  
Derwent WPI Acc No: \* C 99-131058  
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No, Type, Date, Code, Text):

WO 9908904	P	19970814	WO AA	PRIORITY (PATENT)
		US 911527	A	19970814
WO 9908904	P	19980619	WO AE	APPLICATION DATA (APPL. DATA)
		WO 98US12842	A	19980619
WO 9908904	P	19990225	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
		AL AU BA BB BG BR CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KP KR LC LK LR LS LT LV MG MK MN MX NO NZ PL RO SD SG SI SK SL TR TT UA UG UZ VN YU ZW		
WO 9908904	P	19990225	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
		GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG		
WO 9908904	P	19990225	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9908904	P	19990325	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9908904	P	19990609	WO 121	EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9908904	P	20000131	WO ENP	ENTRY INTO THE NATIONAL PHASE IN: CA 2298671 AA
WO 9908904	P	20000214	WO NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: KR

PAT

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?file pluspat;us5863064/pn

\* SS 1: Results 1

Search statement 2

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( 1/1 PLUSPAT - (C) QUESTEL-ORBIT- image

PN - US5863064 A 19990126 [US5863064]

TI - (A) Skin for automotive air bag cover panel formed by casting  
different plastic materials

PA - (A) TEXTRON AUTMOTIVE COMPANY INC (US)

IN - (A) RHEINLANDER FRED (US); RHODES JR RICHARD D (US)

AP - US91152797 19970814 [1997US-0911527]

PR - US91152797 19970814 [1997US-0911527]

IC - (A) B60R-021/20

EC - B29C-037/00F2

- B29C-059/00G

- B60R-021/20B2

ICO - L29C-035/08B6  
PCL - ORIGINAL (O) : 28073200 CROSS-REFERENCE (X) : 280728300  
DT - Basic  
CT - US3504063; US4246213; US4463046; US4886630; US4895389; US5072967;  
US5145444; US5288103; US5316822; US5333901; US5372379; US5437470;  
US5567375; US5590903; US5804121  
STG - (A) United States patent  
AB - A skin for an automotive interior panel has a main body portion for covering most of the panel and an air bag cover portion for covering the panel portion that the air bag deploys through. Casting a first plastic material against a first portion of a heated mold surface forms the main body skin portion. Casting or spraying a plastic material against a second portion of the heated mold surface forms the air bag cover skin portion. The mold surface portions may be confined from one another by a partition or by masking one portion while casting against the other. The main body and air bag cover skin portions include adjacent edges that extend along the air bag cover portion periphery. The two skin portions are joined together along their adjacent edges while still on the heated mold. An air bag deployment tear seam is formed by first casting a tear seam gap in the cover portion then spraying or casting a relatively weaker material into the gap. Alternatively, a heated engraving tool or laser may be used to form a tear seam groove in the back side of the air bag cover skin portion, or a cutter device may open the cover upon air bag deployment.

1/1 LGST - (C) LEGSTAT  
PN - US 5863064 [US5863064]  
AP - US 911527/97 19970814 [1997US-0911527]  
DT - US-P  
ACT - 19970814 US/AE-A  
APPLICATION DATA (PATENT)  
{US 911527/97 19970814 [1997US-0911527]}  
- 19981106 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
MCCORD WINN TEXTRON INC. 645 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE  
03103 \* RHEINLANDER, FRED : 19970718; RHODES, RICHARD D., JR. :  
19970806  
- 19990126 US/A  
PATENT  
- 20010717 US/RF  
REISSUE APPLICATION FILED  
20010124  
UP - 2001-32

1/1 CRXX - (C) CLAIMS/RRX  
PN - 5,863,064 A 19990126 [US5863064]  
PA - Textron Automotive Co Inc  
ACT - 20010124 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20010717  
REISSUE REQUEST NUMBER: 09/768635  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3611

Reissue Patent Number:

1/1 PAST - (C) PAST  
AN - 200129-001167  
PN - 5863064 A [US5863064]

OG - 2001-07-17  
ACT - REISSUE APPLICATION FILED

Search statement 2

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